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DGS Circular No. xx of 2025

Nautical Wing – Safe Manning Circular

File No.	Comp. No.:	Date: 15/09/2025
Subject: Guidelines on Minimum Safe Manning for Indian Ships (Nautical Side)-reg.		
<ol style="list-style-type: none">1. Safe navigation of Indian ships, their safety and security is paramount to the Directorate General of Shipping (DGS), the competent authority of the Government of India for maritime affairs. To ensure that a ship is sufficiently, effectively, and efficiently manned to provide for the safety and security of the ship, safe navigation, and operations at sea, and to ensure the welfare and health and for avoidance of fatigue, safe manning of ships is essential.2. In this regard, Guidelines have been provided by the International Maritime Organization (IMO) through Resolution A.1047(27) on the Principles of Minimum Safe Manning. Additionally, Regulation 14 of Chapter V of the International Convention for the Safety of Life at Sea (SOLAS) specifically addresses the requirement of safe manning on ships.3. Section 76 of the Merchant Shipping Act, 1958 mandates that every ship, whether at sea or in any port, shall engage such number of persons with such qualifications as may be prescribed. Further, Rule 14 of the Merchant Shipping (Safety of Navigation) Rules, 1997 requires that every ship be issued with a Safe Manning Certificate, commonly referred to as the Minimum Safe Manning Document (MSMD).4. As required under the aforesaid regulations and statutory provisions, the Directorate General of Shipping has, from time to time, issued several executive orders, circulars, MS notices, and letters prescribing the minimum safe manning scales to be adhered to on Indian ships. Some of the executive orders and circulars issued in this regard are mentioned below:<ol style="list-style-type: none">a) Circular No. MSL-1(2)/95-II dated 27.12.2007.b) MSL Branch Circular No. 3 of 2008 dated 02.09.2008.		

- c) MSL Branch Circular No. 1 of 2010 dated 29.06.2010.
- d) Nautical Wing Circular NT/RADIO/01/2011 dated 05.12.2011.
- e) NT Wing Circular (NT/Safe Manning/Dredge) No. 01 of 2011 dated 13.05.2011.
- f) Circular No. MSL-1(2)/95-III dated 10.04.2012.
- g) MSL Circular No. 01 of 2013 dated 05.07.2013.
- h) RSV Notification 2013 annexed to DGS Order 18 of 2013.
- i) Coastal Vessel Rules Notification 2014 annexed to DGS Order 01 of 2014
- j) MS Notice Nautical 01 of 2022 dated 28.01.2022 and
- k) Any other DGS orders/Circulars/MS-Notices/Letters.

5. The Directorate made extensive consultations with the INSA and ICCSA for rationalizing the minimum manning scales prescribed through several circulars and prepared the comprehensive guidelines to address the needs of the Indian shipping industry. This DGS circular consolidates all the above listed orders and circulars issued in relation to the safe manning of Indian ships, including those listed above. These circulars and notifications collectively formed the regulatory framework governing safe manning requirements and, through this consolidated order, are now brought under a single unified directive to ensure greater clarity, regulatory consistency, ease of compliance, and effective implementation across the Indian maritime sector.
6. Annexures A, B, C, D, E1- E2, F1- F7, G1-G7 prescribing minimum manning scales are attached with this circular, consolidating the safe manning provisions based on the types of ships and their respective areas of operation.

Annexure No.	GT of vessels and area of operations
A	International voyages scale
B	Near coastal voyages.
C	Vessels operating on the Indian coast, including A & N, Lakshadweep Islands.
D	Vessels trading only in smooth/ partially smooth waters near a port.

E1	Indian Offshore areas (between 20 NM from the Indian coast to Indian EEZ)
E2	Foreign Offshore Areas (outside BIMMS NCV area)
F1 - F2	Indian Coastal Vessels (ICV)
F3- F7	River Sea Vessels (RSV)
G1-G7	Passenger ships, Ro-Ro/Ro-Ropax ships, special trade passenger ships including RSV passenger ships, and HSC.

7. Annexure A to F are applicable to all types of self-propelled vessels registered under the Merchant Shipping Act except for the passenger vessels. The safe manning scale for passenger ships, Ro-Ro and RoPax, special trade passenger vessels, RSV passenger vessels, and high-speed passenger craft has been prescribed in the Annexure G (1 to 7).
8. It may be noted that the manning scales prescribed in the annexures reflect the minimum levels of manning necessary for safety of navigation and ship operation. The ship owners/managers shall consider engaging additional personnel as may be required based on the maintenance requirements, frequent cargo operations, short voyages etc., in order to ensure rest periods of seafarers.
9. Therefore, the ship owners/managers shall submit the proposal for safe manning of ships considering the guidelines and framework for determination of safe manning as given in A.1047(27). Companies shall submit the self-assessment checklist regarding the proposed manning while submitting an online application to the MMDs. The MMDs shall review the proposal submitted by the company based on the minimum scales prescribed in the circular and any additional manning proposed by the company based on the operational requirements to meet the requirements of rest hours and approve the proposal. The MMDs shall not accept any proposal which contains manning less than the number of personnel prescribed in the circular. All ships are required to be manned in accordance with the specified manning scale

mentioned in the approved Minimum Safe Manning Document (MSMD) issued by the administration.

10. In the event of an exigency necessitating a temporary deviation from the prescribed manning, such as due to the injury, illness, or unavailability of a crew member an application for dispensation may be submitted to the Nautical wing of the DGS. Such applications must comply with the requirements outlined in DGS Circular 04 of 2005 dated 31st March 2005. In urgent cases, the designated officers of the Nautical wing may be contacted directly via telephone. The contact numbers and email addresses are available on the official website of the Directorate General of Shipping.

This issues with approval of competent authority.

Capt. Ravi Singh Sikarwar
Nautical Surveyor-cum- DDG
(Tech.)

To,

- a) INSA
- b) ICCSA
- c) Maritime Unions
- d) Mercantile Marine Departments
- e) Indian Seafarers
- f) Indian Ship owners/Managers/RPSL agencies

Cc,

Annexure A: International voyages scale

Reference CODE	GT of the vessel	Master		Chief Officer		OINW		AB		OS		Cook	
		Qualification	No.	Qualification	No.	Qualification	No.	Qualification	No.	Qualification	No.	Qualification	No.
A-1	< 200	Master FG	1	2nd Mate FG	1			Rating forming part of a navigational watch	2	Rating with Basic STCW safety training	1	Basic STCW safety training and CoC as applicable	1
A-2	=200 < 500	Master FG	1	Mate FG	1				2		1		1
A-3	= 500 < 3000	Master FG	1	Mate FG	1	2 nd Mate FG	1		2		1		1
A-4	=3000 and above	Master FG	1	Mate FG	1	2 nd Mate FG	2		3		3		1

Notes:

1. Manning scale applies to all types of self-propelled ships registered under the Merchant Shipping Act, except stated otherwise in this notice.
2. Either one dedicated Radio Officer holding a valid Indian GMDSS CoC or 2 officers holding a valid Indian GMDSS CoC are required.
3. For tankers (oil, chemical and gas), a valid DCE endorsement, as applicable, is required.
4. For vessels < 200 minimum safe manning is prescribed for operations against fair weather forecast only
5. Non-cargo carrying/trading vessels (MSV/OSV/PSV/AHTS/Tugs//SPS/Dredgers/etc.) of GT = 3000 MT but < 6000 MT can follow Minimum safe manning as prescribed under Code A-3.

Annexure B: Near Coastal Voyages

Reference Code	GT of the vessel	Master		Chief Officer		OINW		AB		OS		Cook	
		Qualification	No.	Qualification	No.	Qualification	No.	Qualification	No.	Qualification	No.	Qualification	No.
B-1	< 200 ###	Master NCV (500 GT)/Mate NCV with 6 months exp.	1	NWKO NCV	1				2				1
B-2	=200 < 500 ###	Master NCV (500 GT)/Mate NCV with 6 months exp.	1	Mate NCV / NWKO NCV with 12 months exp.	1			Rating part of a navigational watch	2	Rating with Basic STCW safety training	#1	Basic STCW safety training and CoC as applicable	1
B-3	= 500 < 3000	Master NCV	1	Mate NCV	1	NWKO NCV	#1		#2		#1		1
B-4	=3000 < 6000	Master NCV	1	Mate NCV	1	NWKO NCV	# 1		#2		#1		1
B-5	= > 6000	Master FG	1	Mate FG	1	NWKO NCV	## 2		# 2		#2		1

Notes:

1. Manning scale applies to all types of self-propelled ships registered under the Merchant Shipping Act, except stated otherwise in this notice.
2. Either one dedicated Radio officer holding a valid Indian GMDSS CoC or 2 officers holding a valid Indian GMDSS CoC are required.
3. For tankers (oil, chemical and gas), a valid DCE endorsement, as applicable, is required.
4. # One additional person of the rank is required on tankers.
5. # # only one NWKO NCV is required on MSV/OSV/PSV/SPS/Tugs
6. # # # For tugs below 500 GT, the NCV region is extended to include Persian Gulf and the waters of Singapore straits subject to acceptance of the respective Maritime Administration.
7. For vessels of GT < 200 minimum safe manning is prescribed for operations against fair weather forecast only

Annexure-C (Vessels operating on the Indian coast including, coast of Andaman & Nicobar and Lakshadweep Islands)

Reference Code	GT of the vessel	Master		Chief Officer		OINW		AB		OS		Cook	
		Qualification	No	Qualification	No	Qualification	No	Qualification	No.	Qualification	No	Qualification	No.
C-1	< 200	Master NCV (500 GT)/Mate NCV with 6 months exp	*1	NWKO NCV / 1 st Class IV Master	1				1		1		
C-2	=200 < 500	Master NCV (500 GT)/Mate NCV with 6 months exp	1	Mate NCV**	1	NWKO NCV / 1 st Class IV Master	1	Rating part of a navigational watch	***1	Rating with Basic STCW safety training	1	Basic STCW safety training and CoC as applicable	1
C-3	= 500 < 1600	Master NCV	1	Mate NCV / NWKO NCV with 1 year exp.	#1	NWKO NCV	##1		2		1		1
C-4	= 1600 < 3000	Master NCV	1	Mate NCV / NWKO NCV with 1 year exp	#1	NWKO NCV	##1		2		1		1
C-5	=3000 < 6000	Master NCV	1	Mate NCV	1	NWKO NCV	1		2		2		1
C-6	= > 6000	Master FG	1	Mate FG	1	NWKO NCV	###1		2		2		1

Notes:

1. Manning scale applies to all types of self-propelled ships registered under the Merchant Shipping Act, except stated otherwise in this notice.
2. At least 1 officer is required to hold a valid Indian GMDSS. On vessels of GT < 200, (Code C-1) one restricted operator certificate holder is required.
3. * Not required on cargo ships (other than tankers) on voyages of less than 12 hours.
4. ** required only on tankers
5. *** One extra AB is required on tankers and MSV/OSV/PSV/AHTS/SPS.
6. # On vessels of below 3000 GT, other than tankers, Mate NCV can be substituted by NWKO (NCV) with 12 months of experience
7. # # Not required on OSV/MSV/PSV/AHTS/SPS/Tugs/Dredgers.
8. # # # One additional person of the rank is required on tankers or all other vessels for voyages exceeding 72 hours
9. For services on tankers, a valid DCE endorsement, as applicable, is required
10. On dredgers, Master, Mate, and NWKO-NCV CoC may be substituted by Dredge Master Grade I, Dredge Master Grade II, and Dredge Mate Grade 1, respectively.
11. For vessels of GT < 200 minimum safe manning is prescribed for operations against fair weather forecast only.

Annexure D: Vessels trading only in smooth/ partially smooth waters near a port

Reference Code	GT of the vessel	Master		Chief Officer		OINW		AB		OS		Cook	
		Qualification	No	Qualification	No	Qualification	No	Qualification	No	Qualification	No	Qualification	No
D-1	< 200	IV 1 st Class Master/IV 2 nd class master with 12 M exp.	1					Rating part of a navigational watch		Rating with Basic STCW safety training	1	Basic STCW safety training and CoC as applicable	
D-2	=200 < 500	1st class IV Master/Master NCV (500 GT)	1	2nd class IV Master/Mate NCV	1						1		1
D-3	=500 < 1600	Mate NCV/ NWKO (NCV) with 1 year of experience.	1	NWKO (NCV)/1st Class I/V Master/ 2nd Class I/V Master with 1-year Exp.	1				1		2		1
D-4	1600 < 3000	Master NCV/Mate NCV with 1 year of exp.	1	NWKO (NCV)/1 st Class I/V master with 1 year of exp.	1				1		2		1
D-5	=3000 < 6000	Master NCV	1	NWKO with 1 year of experience.	1	NWKO NCV	*1		2		2		1
D-6	6000 – 10000	Master FG / Master NCV	1	Mate FG / Mate NCV	1	NWKO NCV	*1		2		2		1
D-7	= > 10000	Master FG	1	Mate FG	1	NWKO NCV	*1		2		2		1

Notes:

1. Manning scale applies to all types of self-propelled ships registered under the Merchant Shipping Act, except stated otherwise in this notice.
2. Harbour operation means operating within the notified port limits in smooth or partially smooth waters, with occasional operation within six nautical miles of port jurisdiction.
3. For services on tankers, a valid DCE endorsement, as applicable, is required.
4. On dredgers, Master, Mate, and NWKO-NCV CoC may be substituted by Dredge Master Grade I, Dredge Master Grade II, and Dredge Mate Grade - 1, respectively.
5. For vessels below 500 GT, at least one officer should hold a restricted operator certificate. For vessels of 500 GT and above, at least one officer should hold valid Indian GMDSS CoC.
6. One additional NWKO is required for dredgers/vessels engaged in operations in ports exceeding 72 hours.
7. For vessels of GT < 200 minimum safe manning is prescribed for operations against fair weather forecast only.

Annexure E-1: INDIAN OFFSHORE AREAS (Indian offshore area means the area between 20 NM from the Indian coast to the Indian EEZ)

Reference Code	GT of the vessel	Master		Chief Officer		OINW		AB		OS		Cook	
		Qualification	No	Qualification	No.	Qualification	No.	Qualification	No	Qualification	No	Qualification	No.
E1-a	< 200	Master/NCV (500 GT)/ Mate NCV with 6 months of exp.	1	2 nd Mate FG / NWKO NCV	1				1		1		1
E1-b	=200 < 500	Master NCV (500 GT)/Mate NCV with 6 months of exp.	1	2 nd Mate FG / NWKO NCV with 1 year exp.	1				2				1
E1-c	500 - 1600	Master FG / Master NCV	1	Mate FG / Mate NCV / NWKO NCV with 18 months exp.	1			Rating part of a navigational watch	2	Rating with Basic STCW safety training	1	Basic STCW safety training and CoC as applicable	1
E1-d	1600 - 3000	Master FG / Master NCV	1	Mate FG / Mate NCV	1				2		1		1
E1-e	=3000 < 6000	Master FG / Master NCV	1	Mate FG / Mate NCV	1	2 nd Mate FG / NWKO	1		2		1		1
E1-f	= > 6000	Master FG	1	Mate FG	1	2 nd Mate FG / NWKO	1		2		2		1

Notes:

1. Manning scale applies to all types of self-propelled ships registered under the Merchant Shipping Act, except stated otherwise in this notice.
2. At least one officer to hold a valid Indian GMDSS CoC.
3. For services on tankers, a valid DCE endorsement, as applicable, is required.
4. For vessels of GT < 200 minimum safe manning is prescribed for operations against fair weather forecast only.

Annexure E-2: FOREIGN OFFSHORE AREAS (outside NCV area)- subject to acceptance by the maritime administration of the member state

Reference Code	GT of the vessel	Master		Chief Officer		OINW		AB		OS		Cook	
		Qualification	No.	Qualification	No.	Qualification	No.	Qualification	No.	Qualification	No.	Qualification	No.
E2-a	< 200	Master FG	1	2 Mate FG	1				1		1		1
E2-b	=200 < 500	Master FG	1	Mate FG/2 nd Mate FG with 1 year exp.	1				2		0		1
E2-c	=500 < 3000	Master FG	1	Mate FG	1			Rating part of a navigational watch	2	Rating with Basic STCW safety training	1	Basic STCW safety training and CoC as applicable	1
E2-d	=3000 < 6000	Master FG	1	Mate FG	1	2 nd Mate FG	1		2		2		1
E2-e	= > 6000	Master FG	1	Mate FG	1	2 nd Mate FG	1		3		2		1

Notes:

1. Manning scale applies to all types of self-propelled ships registered under the Merchant Shipping Act, except stated otherwise in this notice.
2. Either one dedicated radio officer with a valid Indian GMDSS CoC or 2 officers holding a valid Indian GMDSS CoC are required.
3. For services on tankers, a valid DCE endorsement, as applicable, is required.
4. For vessels of GT < 200 minimum safe manning is prescribed for operations against fair weather forecast only.

Annexure F: Indian Coastal Vessels (ICV) and River Sea vessel (self-propelled)

F-1: ICV When in the Harbour Operation

Reference Code	GT of the vessel	Master		Chief Officer		OINW		AB		OS		Cook	
		Qualification	No.	Qualification	No.	Qualification	No.	Qualification	No.	Qualification	No.	Qualification	No.
F1-a	< 200	1st Class I/V Master/ 2 nd Class I/V Master with 1 year experience.	1	2 ND Class IV Master	1		x		x		1		x
F1-b	= 200 < 500	1 st Class I/V Master	1	2nd Class I/V Master	1		x	Rating forming part of a navigation watch	x	Rating with Basic STCW safety training	1	Basic STCW safety training and CoC as applicable	1
F1-c	=500 < 1600	Mate NCV/ NWKO (NCV) with 1 year of experience.	1	NWKO (NCV)/1 st Class I/V Master/2 nd Class I/V Master with 1 year of experience.	1		x		1		2		1
F1-d	= 1600 < 3000	Master NCV/Mate NCV with 1 year of experience.	1	NWKO (NCV)/1 st Class I/V master with 1 year of experience	1		1		1		2		1
F1-e	=3000 < 6000 (See note 2)	Master NCV	1	Mate (NCV)/NWKO (NCV) With 1 year of experience	1	NWKO (NCV) (see note 6)	1		2		2		1

Notes:

1. Harbour operations mean operating within the notified port limits, with occasional operation within six nautical miles of port jurisdiction.
2. The GT limit for ICV tankers is 3000 MT. The GT limit for ICV cargo vessels is 6000 MT, and for ICV Dredgers, it is 10000 MT.
4. D.C.E. qualification for ICV tankers shall be as specified in the circulars issued by DG Shipping for vessels registered under Merchant shipping Act. (need specifics)
5. On dredgers, Master, Mate, and NWKO-NCV may be substituted by Dredge Master Grade I, Dredge Master Grade II, and Dredge Mate Grade I, respectively.
6. For vessels of 3000 GT and above, one additional NWKO (NCV) is required when the voyage duration (or dredging operation in port) exceeds 72 hours.
7. For vessels above 500 GT, at least one officer should hold a valid Indian GMDSS CoC. For vessels below 500 GT at least one officer should hold a valid Radio operator certificate.

F-2: ICV When operating on the Indian coast

Reference Code	GT of the vessel	Master		Chief Officer		OINW		AB		OS		Cook	
		Qualification	No.	Qualification	No.	Qualification	No.	Qualification	No.	Qualification	No.	Qualification	No.
F2-a	< 200	NWKO (NCV) with 1 year of experience	1	2 nd class I/V Master	1		x		1		1		x
F2-b	= 200 < 500	Master NCV(500 GT)/ Mate NCV with 6 months of exp.	1	NWKO (NCV) /1 st Class I/V Master	1		x	Rating forming part of a navigation watch	1	Rating with Basic STCW safety training	1	Basic STCW safety training and CoC as applicable	1
F2-c	=500 < 1600	Master NCV/Mate NCV with 1 year of experience.	1	NWKO (NCV) With 1 year of experience	1	NWKO (NCV)/ 2 nd Class I/V Master	#1		2		2		1
F2-d	= 1600 < 3000	Master NCV	1	NWKO (NCV) With 1 year of experience	1	NWKO (NCV)/ 2 nd Class I/V Master	#1		2		1		1
F2-e	=3000 < 6000 See note 1	Master NCV	1	Mate (NCV)/ NWKO (NCV) with 2 years of experience.	1	NWKO (NCV) (see note 4)	1		2		1		1

Notes:

1. The GT limit for ICV tankers is 3000 MT. The GT limit for ICV cargo vessels is 6000 MT, and for ICV Dredgers, it is 10000 MT.
2. D.C.E. qualification for ICV tankers shall be as specified in the circulars issued by DG Shipping for vessels registered under Merchant shipping Act. (need specifics)
3. On dredgers, Master, Mate, and NWKO-NCV may be substituted by Dredge Master Grade I, Dredge Master Grade II, and Dredge Mate Grade 1, respectively.
4. For vessels of 3000 GT and above, one additional NWKO (NCV) is required when the voyage duration (or dredging operation in port) exceeds 72 hours.
5. At least one officer should hold a valid Indian GMDSS CoC.
6. # Not required on OSV/MSV/PSV/AHTS/SPS/Tugs/Dredgers.

F-3: River Sea vessel (Type 1) including Harbour operation

Reference Code	GT of the vessel	Master		Chief Officer		OINW		AB		OS		Cook	
		Qualification	No	Qualification	No.	Qualification	No.	Qualification	No	Qualification	No	Qualification	No.
F3-a	< 200	1st Class I/V Master/ 2 nd Class I/V Master with 1 year exp.	1	2 nd class I/V Master	1		x		x		1		x
F3-b	= 200 < 500	1 st Class I/V Master	1	2 nd Class I/V Master	1		x	Rating forming part of a navigation watch	x	Rating with Basic STCW safety training	2	Basic STCW safety training and CoC as applicable	x
F3-c	=500 < 1600	NWKO (NCV)/1 st Class I/V Master with 1 year experience	1	1 st Class I/V Master/ 2 nd Class I/V Master with 1-year experience.	1		x		x		1		1
F3-d	= 1600 < 3000	NWKO (NCV)	1	1 st Class I/V master/ 2 nd class I/V Master with 1 year experience	1		x		x		2		1
F3-e	=3000 < 6000 See note 2	Master NCV/Mate NCV with 6 months of experience.	1	NWKO (NCV) With 1 year of experience	1	NWKO (NCV) (see note 5)	1		2		2		1

1. For Vessels below 1600 GT, at least one officer should hold valid Radio Operators certificate. For vessels above 1600 GT, at least one officer should hold a valid Indian GMDSS CoC.

F-4: Any River Sea vessel engaged in Harbour Operations other than RSV Type 1

Reference Code	GT of the vessel	Master		Chief Officer		OINW		AB		OS		Cook	
		Qualification	No.	Qualification	No.	Qualification	No.	Qualification	No.	Qualification	No.	Qualification	No.
F4-a	< 200	1st Class I/V Master/ 2 nd Class I/V Master with 1 year exp.	1	2 nd Class I/V Master	1		x		x		1		x
F4-b	= 200 < 500	1 st Class I/V Master	1	2 nd Class I/V Master	1		x	Rating forming part of a navigation watch	x	Rating with Basic STCW safety training	1	Basic STCW safety training and CoC as applicable	1
F4-c	=500 < 1600	Mate NCV/NWKO (NCV) with 1 year of experience	1	NWKO-NCV/1 st Class I/V Master/ 2 nd Class I/V Master with 1-year experience.	1		x		1		2		1
F4-d	= 1600 < 3000	Master NCV/Mate NCV with 1 year of experience	1	NWKO-NCV/1 st Class I/V Master with 1 year of experience	1		x		1		2		1
F4-e	=3000 < 6000 See note 2	Master NCV	1	NWKO (NCV) With 1 year of experience	1	NWKO (NCV) (see note 5)	1		2		2		1

1. For Vessels below 500 GT, at least one officer should hold valid Radio Operators certificate. For vessels above 500 GT, at least one officer should hold a valid Indian GMDSS CoC.

F-5: River Sea vessels types 2, 3, and 4 engaged in daylight voyages between nearby ports

Reference Code	GT of the vessel	Master		Chief Officer		OINW		AB		OS		Cook	
		Qualification	No.	Qualification	No.	Qualification	No.	Qualification	No.	Qualification	No.	Qualification	No.
F5-a	< 200	NWKO (NCV)/1 st class IV Master with 1 year of experience.	1	2 ND Class IV Master	1		x		1		1		x
F5-b	= 200 < 500	Master (NCV)/ NWKO (NCV) with 1 year of experience.	1	2 nd Class I/V Master	1		x	Rating forming part of a navigation watch	1	Rating with Basic STCW safety training	1	Basic STCW safety training and CoC as applicable	1
F5-c	=500 < 1600	Master NCV/ NWKO (NCV) with 1 year of experience	1	NWKO-NCV/1 st Class I/V Master/ 2 nd Class I/V Master with 1-year experience.	1		x		1		2		1
F5-d	= 1600 < 3000	Master NCV/Mate NCV with 1 year exp.	1	NWKO-NCV/1 st Class I/V Master	1		x		1		2		1
F5-e	=3000 < 6000 See note 2	Master NCV	1	Mate (NCV)/ NWKO-NCV with 1 year exp.	1	NWKO (NCV) (see note 5)	1		2		2		1

1. For Vessels below 200 GT, at least one officer should hold valid Radio Operators certificate. For vessels above 200 GT, at least one officer should hold a valid Indian GMDSS CoC.

F6: River Sea vessel types 3 and 4 engaged in coastal voyages of duration less than 48 hours

Reference Code	GT of the vessel	Master		Chief Officer		OINW		AB		OS		Cook	
		Qualification	No	Qualification	No	Qualification	No.	Qualification	No	Qualification	No	Qualification	No.
F6-a	< 200	NWKO (NCV) with 1 year of experience.	1	2 nd Class IV Master	1		x		x		2		x
F6-b	= 200 < 500	Master (NCV)/ NWKO (NCV) with 2 years of experience.	1	NWKO (NCV)/1 st Class I/V Master	1		x	Rating forming part of a navigation watch	1	Rating with Basic STCW safety training	1	Basic STCW safety training and CoC as applicable	1
F6-c	=500 < 1600	Master NCV/Mate (NCV) with 6 months of experience	1	NWKO-NCV/1 st Class I/V Master	1		x		1		2		1
F6-d	= 1600 < 3000	Master NCV/Mate NCV with 1 year of experience	1	NWKO NCV with 1 year of experience	1		x		1		2		1
F6-e	=3000 < 6000 See note 2	Master NCV	1	Mate (NCV)/ NWKO-NCV with 18 months of exp.	1	NWKO (NCV) (see note 5)	1		2		2		1

1. For all vessels at least one officer should hold a valid Indian GMDSS CoC.

F-7: River Sea vessels type 4 engaged in unrestricted operation

Reference Code	GT of the vessel	Master		Chief Officer		OINW		AB		OS		Cook	
		Qualification	No.	Qualification	No.	Qualification	No.	Qualification	No.	Qualification	No.	Qualification	No.
F7-a	< 200	NWKO (NCV) with 1 year of experience.	1	2 nd Class I/V Master with 6 months of exp.	1		x		1		1		
F7-b	= 200 < 500	Master-NCV/ Mate (NCV) with 6 months of exp.	1	NWKO (NCV)/1 st Class I/V Master	1		x	Rating forming part of a navigation watch	1	Rating with Basic STCW safety training	1	Basic STCW safety training and CoC as applicable	1
F7-c	=500 < 1600	Master NCV/Mate (NCV) with 1 year of experience	1	NWKO-NCV with 1 year of experience	1	NWKO-NCV OR 2 nd Class I/V Master	1		2		1		1
F7-d	= 1600 < 3000	Master NCV	1	NWKO NCV with 1 year of exp.	1	NWKO/ 2 nd Class I/V Master	1		2		1		1
F7-e	=3000 < 6000 See note 2	Master NCV	1	Mate (NCV)/ NWKO (NCV) with 2 years of exp	1	NWKO (NCV) (see note 5)	1		2		2		1

General Notes on RSV:

1. For all vessels at least one officer should hold a valid Indian GMDSS CoC.
2. Harbour operations means operating within the notified port limits, with occasional operation within six nautical miles of port jurisdiction.
3. The GT limit for ICV tankers is 3000 MT. The GT limit for ICV cargo vessels is 6000 MT, and for ICV Dredgers, it is 10000 MT.
4. D.C.E. qualification for RSV tankers shall be as specified in the Circulars issued by DG Shipping for M.S. Act vessels. (need specifics)
5. On dredgers, Master, Mate, and NWKO-NCV may be substituted by Dredge Master Grade-I, Dredge Master Grade-II, and Dredge Mate Grade 1 respectively.
6. For RSV of 3000 GT and above, one additional 1st Class I/V Master is required when the voyage duration (or dredging operation in port) exceeds 72 hours.
7. For vessels < 200 the operations are allowed only against fair weather forecast.

Annexure G: Passenger ships, Ro-Ro/Ro-Ropax ships and special trade passenger ships.

G-1 (International Voyages)

Reference Code	GT of the vessel	Master		Chief Officer		OINW		AB		OS		Cook	
		Qualification	No.	Qualification	No.	Qualification	No.	Qualification	No.	Qualification	No.	Qualification	No.
G1-a	< 200	Master FG	1	2 nd Mate FG	1			Rating part of a navigational watch	2	Rating with Basic STCW safety training	2	Basic STCW safety training and CoC as applicable	1
G2-b	=200 < 500	Master FG	1	Mate FG	1		0		2		2		1
G3-c	= 500 < 3000	Master FG	1	Mate FG	1	2 nd Mate FG	1		3		3		1
G4-d	= > 3000	Master FG	1	Mate FG	1	2 nd Mate FG	2		3		3		1

Notes:

1. One dedicated Radio officer with a valid Indian GMDSS CoC or two officers holding valid Indian GMDSS are required on board.
2. For vessels < 200 GT operation is permitted against fair weather forecast only.

Annexure G-2: NCV/Short International Voyages.

Reference Code	GT of the vessel	Master		Chief Officer		OINW		AB		OS		Cook	
		Qualification	No.	Qualification	No.	Qualification	No.	Qualification	No.	Qualification	No.	Qualification	No.
G2-a	< 200	Master NCV (500 GT)/Mate NCV with 6 months exp.	1	NWKO NCV	1		0	Rating part of a navigational watch	2	Rating with Basic STCW safety training	2	Basic STCW safety training and CoC as applicable	1
G2-b	=200 < 500	Master NCV (500 GT)/Mate NCV with 6 months exp.	1	Mate NCV	1		0		2		2		1
G2-c	= 500 < 3000	Master NCV	1	Mate NCV	1	NWKO NCV	1		3		3		1
G2-d	=3000 < 6000	Master NCV	1	Mate NCV	1	NWKO NCV	2		3		3		1
G2-e	6000 and above	Master FG	1	Mate FG	1	NWKO NCV	2		3		3		1

Notes:

1. One dedicated Radio Officer with a valid Indian GMDSS CoC or two officers holding a valid Indian GMDSS CoC are required.
2. * For Short International voyages (outside NCV region), the NCV CoC holders to be substituted by Foreign Going (FG) CoC holders.
3. For vessels < 200 GT operation is permitted against fair weather forecast only.

Annexure G-3: Operation on Indian Coast (including Andaman & Nicobar Island) & in the NCV region within 20 NM of the coast

Reference Code	GT of the vessel	Master		Chief Officer		OINW		AB		OS		Cook	
		Qualification	No.	Qualification	No.	Qualification	No.	Qualification	No.	Qualification	No.	Qualification	No.
G3-a	< 200	Master NCV (500 GT) or Mate NCV with 6 months of experience	1	NWKO NCV	1		0	Rating part of a navigational watch	2	Rating with Basic STCW safety training	2	Basic STCW safety training and CoC as applicable	**1
G3-b	=200 < 500	Master NCV (500 GT)/Mate NCV	1	NWKO NCV	1				2		2		**1
G3-c	= 500 < 3000	Master NCV	1	Mate NCV	1	NWKO NCV	**1		3		3		1
G3-d	= 3000 < 6000	Master NCV	1	Mate NCV	1	NWKO NCV	1		3		3		1
G3-e	6000 and above	Master FG	1	Mate FG	1	NWKO NCV	2		3		3		1

Notes:

1. At least one officer to hold a valid Indian GMDSS CoC
2. ** Only for Voyages exceeding 12 hours
3. For vessels < 200 GT operation is permitted against fair weather forecast only.

Annexure G4: Between 2 Indian ports in fair weather, within 5 NM of the coast:

Reference Code	GT of the vessel	Master		Chief Officer		OINW		AB		OS		Cook	
		Qualification	No	Qualification	No.	Qualification	No	Qualification	No	Qualification	No	Qualification	No
G4-a	< 200	Master NCV (500 GT) GT/NWKO NCV with 1 year Exp.	1	NWKO NCV/ 1 st Class IV Master	1		0	Rating part of a navigational watch	2	Rating with Basic STCW safety training	1	Basic STCW safety training and CoC as applicable	**1
G4-b	=200 < 500	Master NCV (500 GT)/NWKO NCV with 1 year exp.	1	NWKO NCV	1		0		2		2		**1
G4-c	=500 < 1600	Master NCV/NWKO NCV with 1year exp.	1	NWKO NCV	1		0		2		3		1
G4-d	= 1600 < 3000	Master NCV/Mate NCV with 1 year exp.	1	NWKO NCV	1	NWKO NCV	**1		2		4		1
G4-e	= 3000 < 6000	Master NCV	1	Mate NCV	1	NWKO NCV	1		2		4		1
G4-f	6000 and above	Master FG	1	Mate FG	1	NWKO NCV	2		2		4		1

Notes:

1. ** Only for voyages exceeding 12 hours.
2. At least one officer should hold a valid Indian GMDSS CoC
3. For vessels < 200 GT operation is permitted against fair weather forecast only.

Annexure G5: Type 3 River sea passenger vessels, including Ro Ro/Ropax.

Reference Code	GT of the vessel	Master		Chief Officer		OINW		AB		OS		Cook	
		Qualification	No.	Qualification	No.	Qualification	No.	Qualification	No.	Qualification	No.	Qualification	No.
G5-a	< 500	Master NCV (500 GT) /NWKO NCV with 1 year of experience	1	NWKO NCV	1		0	Rating part of a navigational watch	2	Rating with Basic STCW safety training	2	Basic STCW safety training and CoC as applicable	1
G5-b	=500 < 1600	Master NCV /NWKO NCV with 1 year of exp.	1	NWKO NCV	1				3		3		1
G5-c	= 1600 < 3000	Master NCV/Mate NCV with 1 year of experience.	1	NWKO NCV	1				3		3		1
G5-d	= 3000 < 6000	Master NCV	1	Mate NCV	1	NWKO NCV	1		3		3		1
	> 6000	Master FG	1	Mate FG	1	2 nd Mate FG / NWKO NCV	2		3		3		1

Notes:

1. At least one officer to hold a valid Indian GMDSS CoC.
2. For vessels < 200 GT operation is permitted against fair weather forecast only.

Annexure G6: Type 4 River sea passenger vessels, including Ro Ro/Ropax, carrying more than 12 and not more than 400 passengers.

Reference Code	GT of the vessel	Master		Chief Officer		OINW		AB		OS		Cook	
		Qualification	No	Qualification	No	Qualification	No	Qualification	No	Qualification	No	Qualification	No
G6-a	< 500	Master NCV (500 GT) /Mate NCV with 6 months of experience	1	Mate NCV or NWKO NCV with 1 year of experience	1		0	Rating part of a navigational watch	2	Rating with Basic STCW safety training	2	Basic STCW safety training and CoC as applicable	1
G6-b	=500 < 1600	Master NCV /Mate NCV with 1 year of exp.	1	Mate NCV NWKO NCV with 1 year exp.	1	NWKO NCV	1		3		3		1
G6-c	= 1600 < 3000	Master NCV	1	Mate NCV or NWKO NCV with 1 year exp.	1	NWKO NCV	1		3		3		1
G6-d	= 3000 < 6000	Master NCV	1	Mate NCV	1	NWKO NCV	1		3		3		1
	MORE 6000	Master FG	1	Mate FG	1	2 nd Mate FG / NWKO NCV	2		3		3		1

Notes:

1. At least one officer to hold a valid Indian GMDSS CoC.
2. For vessels < 200 GT operation is permitted against fair weather forecast only.

Annexure G-7: High Speed Crafts (Category A): Operating at Port Blair and Indian offshore region / EEZ.

S.N.	Grade	Number Of Persons
1.	Master (FG)/NCV	01
2.	Mate (FG)/NCV	00
3.	2 nd Mate/Officer in charge of Navigational watch (NCV)	01
4.	Rating (Navigational Watch)	02
5.	Rating	01
